Occupational Exposure to Bloodborne Pathogens Chapter 296-823 WAC

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Training Documentation Form

Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

Facility Name:				
Training subject or title:				
Training dates:				
Contents or summary of the training sessions:				
Employees who completed this trainin	g: Job Title			
Trainer(s):				
Qualifications:				
Note: Trainging records must be main the training.	tained for 3 years after the date of			

Guidance on the Handling of Criminal Evidence

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IMPORTANT INFORMATION:

These guidelines will assist law enforcement agencies in meeting the requirements of the Bloodborne Pathogens (BBP) rule when collecting and preserving criminal evidence.

Law enforcement agencies are responsible for:

- Collecting and preserving criminal evidence for future analysis and
- Protecting criminal evidence from contamination

SPECIMENS AS CRIMINAL EVIDENCE

Criminal evidence such as clothing and other items contaminated with blood or other potentially infectious materials (OPIM) are considered "specimens" and fall under the scope of the BBP rule. Blood is one of the most common types of criminal evidence and one of the most fragile.

PRESERVING SPECIMENS AS CRIMINAL EVIDENCE

WISHA recognizes the risks and unique requirements involved in the storage of criminal evidence contaminated with blood and OPIM.

Packaging of contaminated blood and OPIM to protect employees from exposure as described in the BBP rule would not work for the storage of these specimens as criminal evidence. If you followed the packaging requirements found in the BBP rule, the result would be:

Accelerated deterioration of the specimens

and

• An inability to meet your need to store the specimens for extended periods of time

For example, packaging wet or damp bloodstains in airtight containers, such as plastic bags, will cause them to deteriorate, shortly becoming useless. In an effort to minimize deterioration, specific forensic practices for the collection and packaging of specimens needs to be followed.

Law enforcement agencies need to:

- Air dry blood-soaked criminal evidence as soon as possible following collection
- Place the items in brown unbleached heavy paper bags or storage.
- Comply with all other applicable sections of the BBP rule

Law enforcement officers, forensic scientists, and court employees who handle and prepare specimens need to:

• Use appropriate personal protective equipment (PPE) at all times

Health Care Professional's Written Opinion For Post-Exposure Evaluation

Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens Employee's Name: Date of Incident: Date of Evaluation: Health Professional's Address: Health Professional's Telephone: The employee named above has been informed of the results of the evaluation for exposure to blood or other potentially infectious materials. The employee named above has been told about any health conditions resulting from exposure to blood or other potentially infectious materials which require further evaluation or treatment. Hepatitis B vaccination is____ is not____ indicated. Health Care Professional's Name Health Care Professional's Signature Date Return this form to the employer and provide a copy to the employee within 15 days. Please label the outside of the envelope "Confidential." Employer's Name: Employer's Address:

Confidential Fax:



Health Care Provider's Written Opinion For Hepatitis B Vaccination

Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

Employee's Name:				
Date of Evaluation:				
Health Provider's Address:				
Health Provider's Telephone				
As required by the Occupational Chapter 296-823 WAC:	I Exposure to E	Bloodborne	Pathogens rul	e,
Hepatitis B vaccination is employee named above.	is not	_ recommer	nded for the	
The employee named above vaccinations on the following		to receive 3	total hepatitis	вВ
1 st of 3				
2 nd of 3	· · · · · · · · · · · · · · · · · · ·			
3 rd of 3				
Health care Provider's Name				
Health care Provider's Signature		Date	 -	
Return this form to the employer, days. Please label the outside of	•		•	hin 1
Employer's Name:				
Employer's Address:				
Confidential Fax:				

Resources

Hepatitis B Vaccine Declination Form

Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

Facility Name:
I understand that due to my occupational exposure to blood or other potentially infectious materials (OPIM), I may be at risk of acquiring hepatitis B virus (HBV) infection.
You have given me the opportunity to be vaccinated with the hepatitis B vaccine, at no charge to myself.
However, I decline hepatitis B vaccination at this time. I understand that by declining this vaccine, I continue to be at risk of acquiring hepatitis B, a serious disease. If, in the future, I continue to have occupational exposure to blood or other potentially infectious materials, and I want to be vaccinated with hepatitis B vaccine, I can receive the vaccination series at no charge to me.
☐ I have already received the hepatitis B vaccination series.
Employee's Name (<i>Print</i>)
Employee's Signature
Date



Sharps Injury Log

Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

Establishment Name: Year

The Bloodborne Pathogen rule requires that you establish and maintain a Sharps Injury Log to record all contaminated sharps injuries in a facility. The purpose of this log is to help you evaluate and identify problem devices or procedures that require attention.

The Sharps Injury Log needs to do all of the following:

- Maintain sharps injuries separately from other injuries and illness kept on the Injury and Illness Log as required by WAC 296-27, Recordkeeping and Reporting
- Include ALL sharps injuries that occur during a calendar year
- Be retained for 5 years beyond the completion of that calendar year and
- Preserve the confidentiality of affected employees.

Sample format for recording sharps injuries:

Date	Case/ Report No.	Type of Device (examples: syringe, suture needle)	Brand Name of Device	Work Area where injury occurred (examples: Geriatrics, Lab)	Brief description of how the incident occurred (examples: procedure being done, action being performed, injection, disposal, body part injured)

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This is a model for developing your written bloodborne pathogens exposure control plan. It was developed with the small business employer in mind and needs to be adapted to fit your specific needs. Be sure to consult Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens, for requirements that apply to your workplace.

IMPORTANT: The elements of your exposure control plan may be located in other documents such as your policies and procedures. Make sure to reference the location of these documents in your plan.

1. OVERVIEW

is committed to providing a safe and healthful (Facility Name) work environment for our entire staff. This is our plan to eliminate or minimize occupational exposure to bloodborne pathogens.

Employees who have occupational exposure to blood or other potentially infectious material (OPIM) must follow the procedures and work practices in this plan.

Employees can review this plan at any time during their work shifts. We will provide a copy, free of charge, to an employee within 15 days of a request.

This plan includes:

- Overview
- Identify Employees Who are at Risk for Exposure
- Controlling Employee Exposure to Bloodborne Pathogens
- **Employee Training and Hazardous Communication**
- Post-Exposure Evaluation and Follow-up
- Recordkeeping

Note:

Part-time, temporary, contract, and per diem employees are covered by Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens. Be sure to describe how you will meet the requirements for these employees.

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2. IDENTIFY EMPLOYEES WHO ARE AT RISK FOR EXPOSURE

The following are job classifications in our establishment in which ALL employees have occupational exposure to bloodborne pathogens:

JOB TITLE (example: Phlebotom		RTMENT/LOCATION rample: Clinical Lab)
The following are job classific have occupational exposure t		in which SOME employ
JOB TITLE (example: Housekeeper)	DEPARTMENT/ LOCATION (Environmental services)	TASK/PROCEDUF (Handling regulated waste)
Contact names and phone (Name of responsible person or		ible for implementing
(Name of responsible person or the exposure control plan. (Name of responsible person or the exposure control plan at lea	<u>r department)</u> is/are responsi <u>r department)</u> will maintain, r st annually, and whenever nec	eview, and update
(Name of responsible person or the exposure control plan. (Name of responsible person or the exposure control plan at lea new or modified tasks and proceunical proceunical person or employees, and WISHA (Washing)	r_department) is/are responsi r_department) will maintain, r st annually, and whenever ned edures.	eview, and update cessary to include plan available to
Contact names and phone (Name of responsible person or the exposure control plan. (Name of responsible person or the exposure control plan at lead new or modified tasks and procedure of responsible person or employees, and WISHA (Washing representatives. (Name of responsible person or all medical actions required are records are maintained	r_department) is/are responsi r_department) will maintain, r st annually, and whenever ned edures. r_department) will make this ngton Industrial Health and Sa	eview, and update cessary to include plan available to afety Act)

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3. CONTROLLING EMPLOYEE EXPOSURE TO BLOODBORNE PATHOGENS (BBP)

We use the following methods to control employee exposure:

A.	A. Infection control or isolation system used: (List the following: the infection control or isolation system you will be using, a description of the system, and how the system applies to your workplace or a reference to the appropriate policies and procedures.)				
	All er	mployees must use:			
	•	e of responsible person or department) is the person to contact if you have tions regarding this system.			
B.		er medical devices and equipment used to minimize upational exposure			
	•	The use of safer medical devices and equipment will prevent or minimize exposure to bloodborne pathogens.			
	•	The specific safer medical devices that we use are:			
		(for example: self-sheathing needles, needleless systems, and plastic capillary tubes)			
	•	The specific equipment to minimize or eliminate exposure that we use are: (for example: sharps containers and biosafety cabinets)			

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Sharps disposal containers are inspected and maintained or replaced:

By: (Name of responsible person or department)

Every: (list frequency)

Or: Whenever necessary to prevent overfilling

We identify opportunities to improve controls through:

(Examples: Review of sharps log, employee interviews, safety committee activities, etc.)

We evaluate new products regularly by:

(Describe the process, literature reviewed, supplier info, products considered.)

Both front line workers and management officials are involved in this process improvement by:

(Describe how employees will be involved.)

Contact names and phone numbers:

(Names of responsible person or department) will make sure that recommendations are effectively implemented.

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Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

Personal protective equipment (PPE) C.

- PPE is provided to our employees at no cost.
- The types of PPE available to employees are:

(Examples: gloves, eye protection, etc)

- PPE is located: (*List location*)
- All employees using PPE must observe the following precautions:
 - Wear appropriate face and eye protection when splashes, sprays, spatters, or droplets of blood or OPIM pose a hazard to the eye, nose, or mouth.
 - Wear appropriate gloves when you:
 - Can reasonably anticipate hand contact with blood or OPIM
 - Handle or touch contaminated items or surfaces
 - Replace gloves if torn, punctured, contaminated, or otherwise damaged.
 - Decontaminate reusable gloves if they don't show signs of cracking, peeling, tearing, puncturing, or other deterioration.
 - Never wash or decontaminate disposable gloves for reuse.
 - Wash hands immediately or as soon as feasible after removal of gloves or other PPE.
 - Remove PPE after it becomes contaminated, and before leaving the work area.
 - Dispose of contaminated PPE in designated containers (list)
 - Remove blood- or OPIM-contaminated garments immediately or as soon as feasible, in a manner that avoids contact with the contaminated surface.

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Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

The procedure for handling used PPE is:

(For example, how and where to decontaminate face shields, eye protection, resuscitation equipment. May refer to specific procedure by title or number and last date of review.)

Contact names and phone numbers:

(Name of responsible person or department) will maintain and provide all the necessary PPE, controls (such as sharps containers), labels, and red bags as required.

(Name of responsible person or department) will make sure that adequate supplies of the PPE are available in the appropriate sizes and types.

D. Work practices used to minimize occupational exposure

 We use the following work practices to eliminate or minimize employee exposure:

(For example: follow proper procedures to remove and properly dispose of gloves)

Changes in work practices are identified through:

(Examples: Review of sharps log, employee interviews, and safety committee activities)

 We evaluate new products regularly by involving both frontline workers and management:

(Describe the process, literature reviewed, supplier information, products considered, and personnel involved)

Contact names and phone numbers:

(Name of responsible person or department) will make sure that recommendations are effectively implemented.

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Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

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	tten schedules for cleaning and methods of decontamination are ated:
	or example: the location of the cleaning schedule for the laboratory and the ecific disinfectant products used)
Re	gulated waste is placed in containers which:
_	Contain all contents
_	Do not leak Are appropriately labeled or color-coded (see Labels section of this
	plan)
_	Are closed prior to removal to prevent contact spilling or protruding during handling.
	ntaminated sharps are discarded immediately or as soon as possible containers that are:
_	Closable
-	Puncture-resistant
_	Leak-proof on sides and bottoms Labeled or color-coded appropriately.
	arps disposal containers are available at: (must be easily accessible and close as feasible to the immediate area where sharps are used)

(you may refer to a specific procedure by title or number and last date reviewed)

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F.

Exposure Control Plan (ECP)

Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

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•	The procedure for handling other regulated waste is: (you may refer to a specific procedure by title or number and last date reviewed)
	 Bins, cans and pails intended for reuse are cleaned and decontaminated as soon as feasible after visible contamination.
	 Broken glassware that may be contaminated is picked up using mechanical means, such as a brush and dustpan.
(Nar	ntact names and phone numbers: me of responsible person or department): will provide sharps and other tainers as required.
Lau	ındry
•	We launder the following contaminated articles:
•	Laundering is done as follows:
	 Handle contaminated laundry as little as possible, with minimal agitation.
	 Place contaminated laundry in leak-proof, labeled or color-coded containers before transporting. Use color coded bags or bags marked with the biohazard symbol for this purpose.
•	Wear the following PPE when handling and/or sorting contaminated laundry:
•	The schedule for laundry: (time and location)
0	teet nemee and also as nembers

Contact names and phone numbers:

(Name of responsible person or department) will make sure laundry is done as required.

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Labeling is done as follows:

EQUIPMENT TO BE LABELED (For example: specimens, contaminated laundry, etc.)	LABEL TYPE (Size, color, red bag, biohazard label, etc)

Contact names and phone numbers:

(Name of responsible person or department) will maintain and provide labels and red bags as required.

Н. **Hepatitis B Vaccination**

- The hepatitis B vaccination series is available:
 - At no cost after training
 - Within 10 days of initial assignment to employees identified in Section 2 of this plan, Identifying Employees Who Are At Risk for Exposure.
- Vaccination is encouraged unless:
 - We have documentation that the employee has previously received the series
 - Antibody testing reveals that the employee is immune
 - Medical evaluation shows that vaccination is contraindicated.
- A copy of the health care professional's written opinion will be provided to the employee
- Employees who choose to decline vaccination must sign a declination form. They may request and obtain the vaccination at a later date at no cost.

•	Vaccinations will be provided by:	List Health Care Professional who is	
	responsible for this part of the plan)	at (location)	
		, , , , , , , , , , , , , , , , , , , ,	

Contact names and phone numbers:

(Name of responsible person or department) will make sure vaccinations are available and encourage as required.

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Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

4. EMPLOYEE TRAINING AND HAZARD COMMUNICATION

All employees who have occupational exposure to bloodborne pathogens receive training conducted by _____(Name of responsible person or department)____

Training will be provided before initial assignment to tasks where occupational exposure may take place, annually, and when changes in tasks or procedures take place that affect occupational exposure.

This training will include:

- Epidemiology, symptoms, and transmission of bloodborne pathogens.
- Copy and explanation of Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens.
- Explanation of our Exposure Control Plan and how to obtain a copy
- This must also be done at the annual refresher training.
- Methods used to identify tasks and other activities that may involve exposure to blood and OPIM.
- What constitutes an exposure incident.
- The use and limitations of controls, work practices, and PPE.
- The basis for PPE selection and an explanation of:
 - Types
 - Uses
 - Location
 - Handling
 - Removal
 - Decontamination
 - Disposal
- Information on the hepatitis B vaccine, including:
 - Effectiveness
 - Safety
 - Method of administration
 - Benefits of being vaccinated
 - Offered free of charge
- Actions to take and persons to contact in an emergency involving blood or OPIM
- Procedures to follow if an exposure incident occurs, including:
 - How to report the incident
 - Medical follow-up available.

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Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

- Employee's evaluation and follow-up after an exposure incident
- Signs, labels, and color coding used
- Interactive questions and answers with the trainer.

Training materials for this facility are located at			
Training records are maintained for each employee upon completion of training			

These documents will be kept for at least 3 years at _____(Name of responsible person or department and location of records) ____.

The training record should include the following information about training sessions:

- Date
- Contents or a summary
- Names and qualifications of trainers
- Names and job titles of all attendees.

Training records are provided to employees or their authorized representatives within 15 working days of a request. Requests for training records should be addressed to (Name and address of responsible person or department).

Contact names and phone numbers:

(Name of responsible person or department) will maintain and provide labels and red bags as required.





Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

5. POST-EXPOSURE EVALUATION AND FOLLOW-UP

A. Do the following after initial first-aid is given:

- Following the initial first-aid treatment such as cleaning the wound, flushing eyes, or other mucous membranes, the following will be performed:
 - Document the routes of exposure and how the exposure occurred.
 - Identify and document the source individual, unless that's not possible or is prohibited by state or local law.
 - Obtain consent and arrange to test the source individual as soon as possible to determine HIV, HCV, and HBV infectivity.
 - If the source individual is already known to be HIV, HCV, and/or HBV positive, new testing is not needed.
 - Document that the source individual's test results were conveyed to the employee's health care provider.
 - Provide the exposed employee with the source individual's test results.
 - Provide the exposed employee with information about laws on confidentiality for the source individual.
 - Obtain consent and provide a blood test for the exposed employee as soon as possible for HBV, HCV, and HIV.
 - If the emplace does not give consent for HIV serological testing, preserve the baseline blood sample for at least 90 days.
 - If the exposed employee decides to have the sample tested during this time, perform testing as soon as feasible.
 - Provide the exposed employee with a copy of the health care professional's written opinion

B. Administration of post-exposure evaluation and follow-up

Employees are provided immediate medical evaluation and follow-up services through: (List the procedure for providing immediate medical services to employees. Include name address and telephone number of the medical provider that you have identified to provide these services.

IMPORTANT: Appropriate medical services must be available to employees during all work hours.

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Resources

Exposure Control Plan (ECP)

Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

Contact names and phone numbers:

(Name of responsible person or department) will make sure all medical actions required are performed.

C. Review the circumstances of an exposure incident as follows:

- The circumstances of any exposure incident will be reviewed to determine:
 - Controls in use at the time
 - Work practices that were followed
 - Description of the device used (including type and brand)
 - Protective equipment or clothing in use at the time
 - Location of the incident
 - Procedure being performed when the incident occurred
 - Employee's training

Contact names and phone numbers

(Name of responsible person or department) is responsible for reviewing exposure incidents as required.



Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

6. RECORDKEEPING

A. Medical records

 Medical records are maintained for each employee who has an occupational exposure to bloodborne pathogens in accordance with WAC 296-62-052, Access to Records.

(Name of responsible person or department) is responsible for maintaining medical records. These confidential records are kept ____(List location) for at least 30 years beyond the length of employment.

Contact names and phone numbers

(Name of responsible person or department) will make sue appropriate employee health, OSH and WISHA records are maintained as required.

B. Sharps injury log

- In addition to WAC 296-27, Recordkeeping Requirements, all percutaneous injuries from contaminated sharps are also recorded in the Sharps Injury Log. This log must include at least:
 - Date of injury
 - Type and brand of the device involved
 - Where the incident occurred
 - How the incident occurred
- This log is reviewed at least once a year as part of the annual program evaluation and is kept for at least 5 years following the end of the calendar year. Copies that are provided upon request must have any personal identifiers removed.

Contact names and phone numbers

(Name of responsible person or department) will maintain the Sharps Injury Log.

References

Use with Chapter 296-823 WAC, Occupational Exposure to Bloodborne Pathogens

OSHA Instruction, CPL 2.103, September 26, 1994, *Field Inspection Reference Manual (FIRM).*

OSHA Instruction, CPL 2.111, November 27, 1995, *Citation Policy for Paperwork and Written Program Violations.*

OSHA Instruction, CPL 2-2.30, November 14, 1980, *Authorization of Review of Medical Opinions.*

OSHA Instruction, CPL 2-2.32, January 19, 1981, *Authorization of Review of Specific Medical Information.*

OSHA Instruction, CPL 2-2.33, February 8, 1982, *Rules of Agency Practice and Procedure Concerning OSHA Access to Employee Medical Records-Procedures Governing Enforcement Activities.*

OSHA Instruction, CPL 2-2.46, January 5, 1989, *Authorization and Procedures for Reviewing Medical Records*.

OSHA Instruction, PER 8-2.4, March 31, 1989, *CSHO Pre-Employment Medical Examinations.*

Centers for Disease Control Morbidity and Mortality Weekly Report: "Public Health Service Guidelines for the Management of Health-Care Worker Exposures to HIV and Recommendations for Post-exposure Prophylaxis." May 15, 1998; Vol. 47, No. RR-7.

Centers for Disease Control Morbidity and Mortality Weekly Report: "Recommendations for Follow-Up of Health-Care Workers After Occupational Exposure to Hepatitis C Virus". July 4, 1997; Vol. 46, No. 26.

Record Summary of the Request for Information (RFI) on Occupational Exposure to Bloodborne Pathogens due to Percutaneous Injury. May 20, 1999.

Safer Needle Devices: Protecting Health Care Workers, Directorate of Technical Support, Office of Occupational Health Nursing, October 1997.

Needlestick Injuries Among Health Care Workers: A Literature Review, Directorate of Technical Support, Office of Occupational Health Nursing, July, 1998.

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References

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(continued)

International Health care Worker Safety Center, #407, Health Sciences Center, University of Virginia, Charlottesville, VA 22908, EPINet, Exposure Prevention Information Network, E-mail: epinet@virginia.edu.

DHHS, Public Health Service, FDA Safety Alert: *Needlestick and Other Risks* from Hypodermic Needles on Secondary IV Administration Sets - Piggyback and Intermittent IV, April 16, 1992.

Glass Capillary Tubes: Joint Safety Advisory About Potential Risks, OSHA/NIOSH/FDA, February, 1999 and Memorandum dated February 18, 1999, from Steve Witt to the Regional Administrators.

NIOSH, *Selecting, Evaluating, and Using Sharps Disposal Containers*, DHHS (NIOSH) Publication No. 97-111, January 1998.

Centers for Disease Control, MMWR, October 16, 1998, Vol. 47, No. RR-19, Recommendations for Prevention and Control of Hepatitis C Virus (HCV) Infection and HCV-Related Chronic Disease.

Centers for Disease Control, American Journal of Infection Control, June 1998, Vol. 26, *Guideline for Infection Control in Health Care Personnel*, 1998.

Centers for Disease Control, MMWR, December 26, 1997, Vol.46, No.RR-18, *Immunization of Health-Care Workers: Recommendations*.

29 CFR Part 1910.1030, Occupational Exposure to Bloodborne Pathogens; Final Rule, Federal Register, Vol.56, No.235, December 6, 1991.

Training for Development of Innovative Control Technology Project, *Safety Feature Evaluation Forms*.

29 CFR Part 1910.1030, *Occupational Exposure to Bloodborne Pathogens: Needlesticks and Other Sharps Injuries*; Final Rule, Federal Register, Vol.66, No. 12, January 18, 2001.

Centers for Disease Control, MMWR, June 29, 2001, Vol.50, No.RR-11, *Updated U.S. Public Health Service Guidelines for the Management of Occupational Exposures to HBV, HCV, and HIV and Recommendations for Post-exposure Prophylaxis*.